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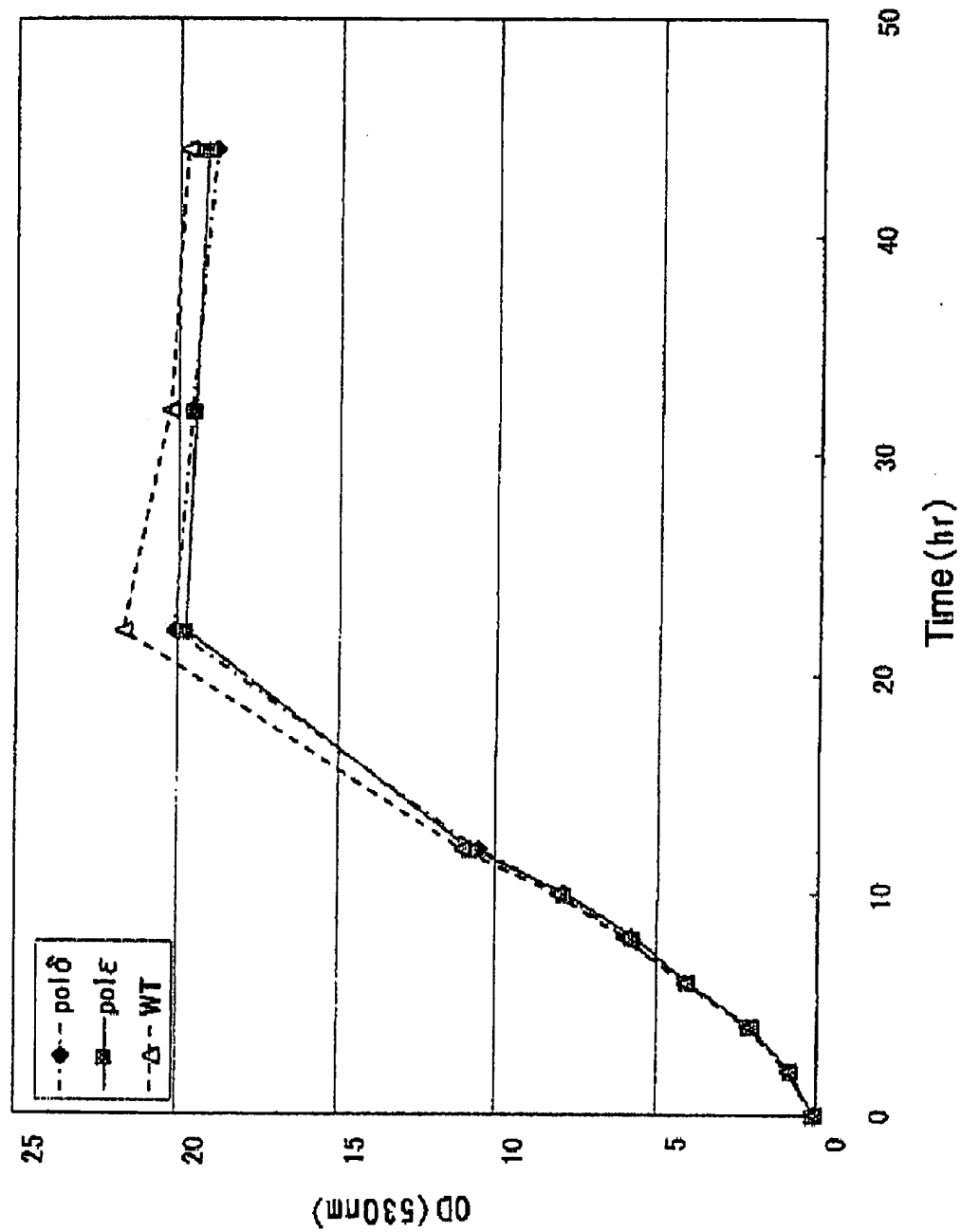
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FIG.1

Fig. 1 Growth curve of mutant strain



Title: METHOD AND SYSTEM FOR RAIDLY CONFERRING A DESIRED TRAIT TO AN ORGANISM

Inventors: Mitsuru Furusawa.

Docket No.: 690116.401C1

NEO001-1

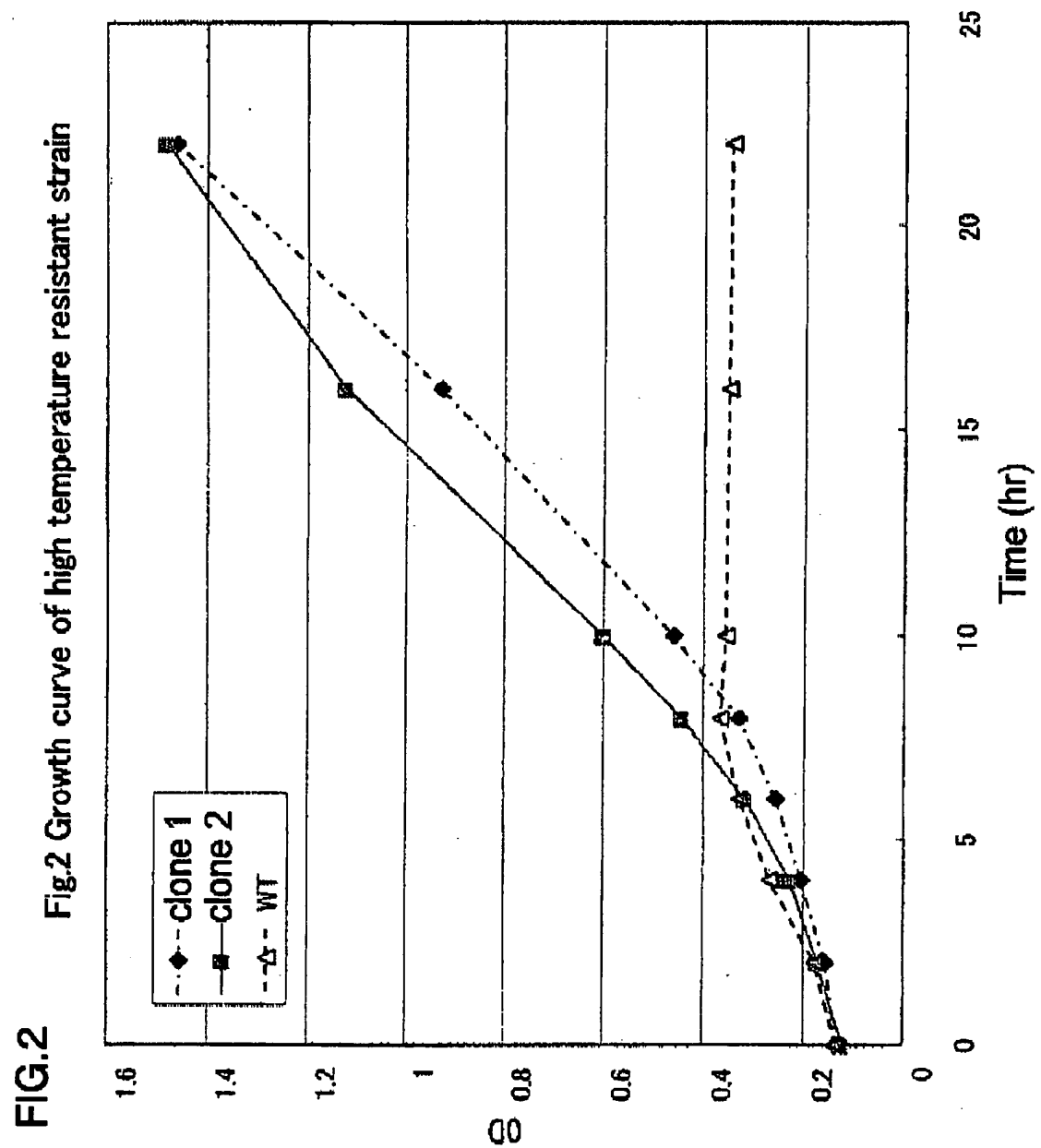
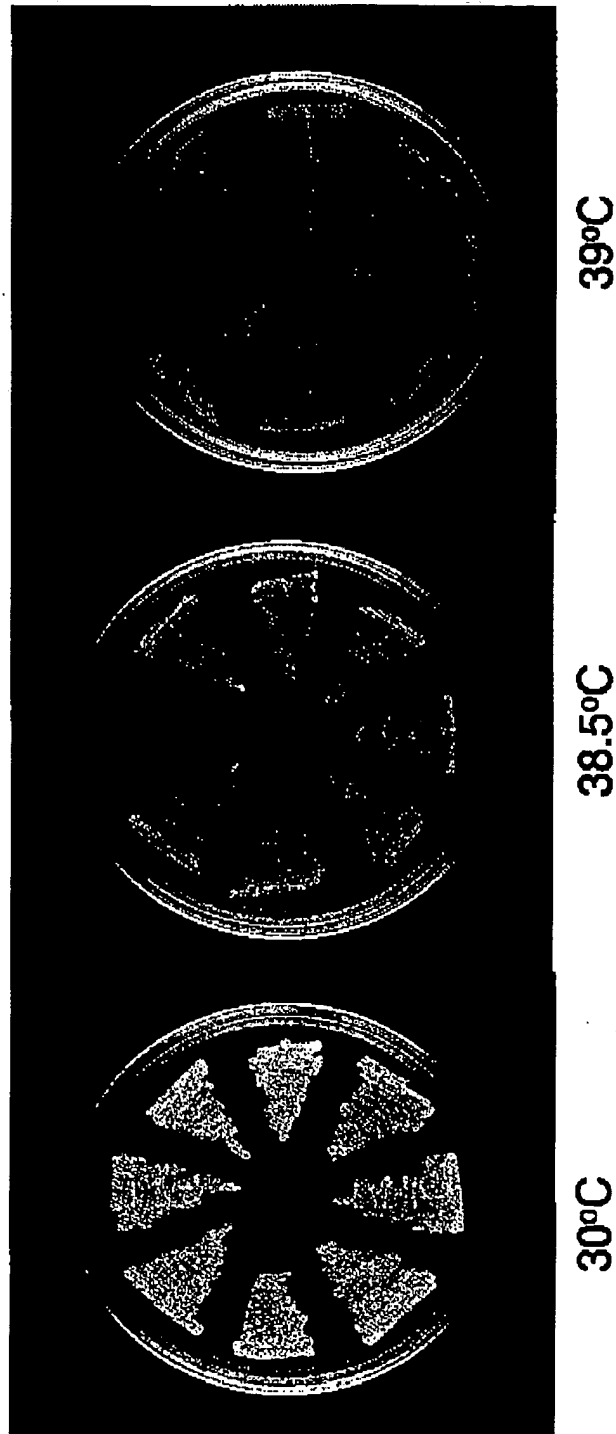


FIG.3A

Isolation of high temperature resistant strain (1)



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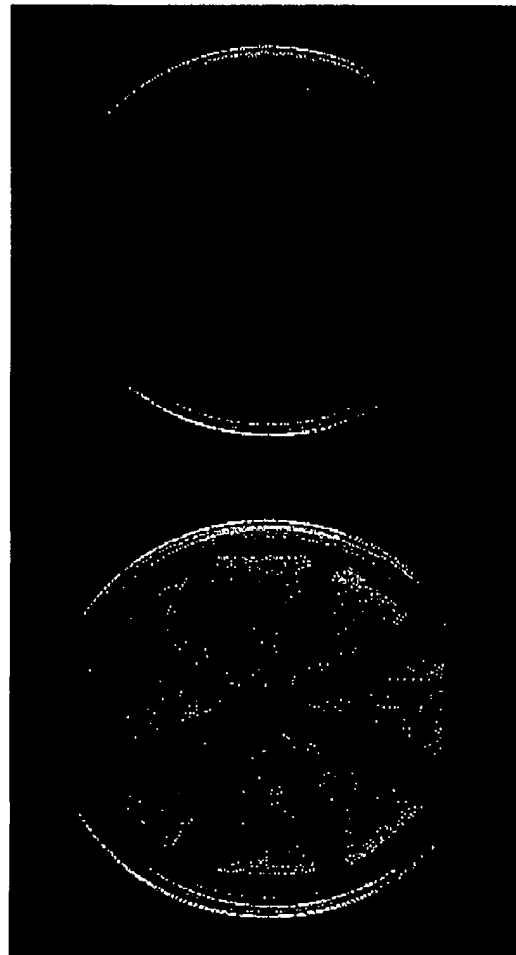
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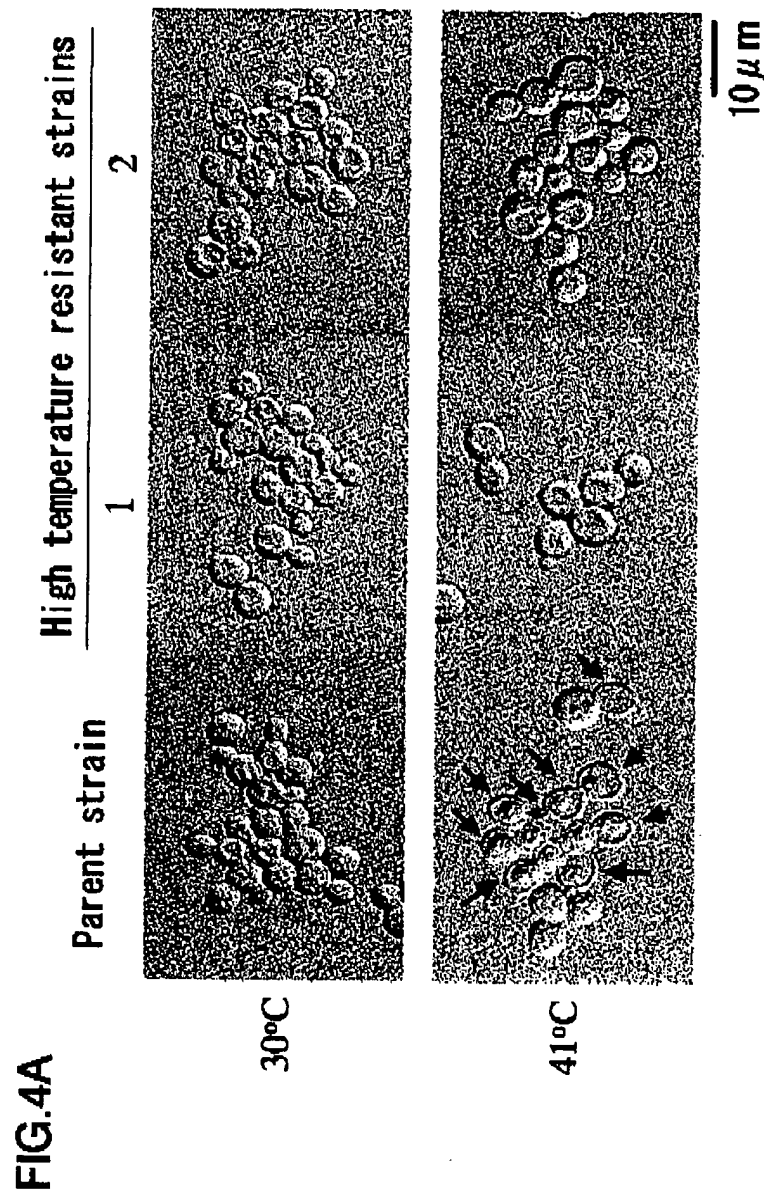
FIG.3B

Isolation of high temperature resistant strain (2)



30°C

38.5°C



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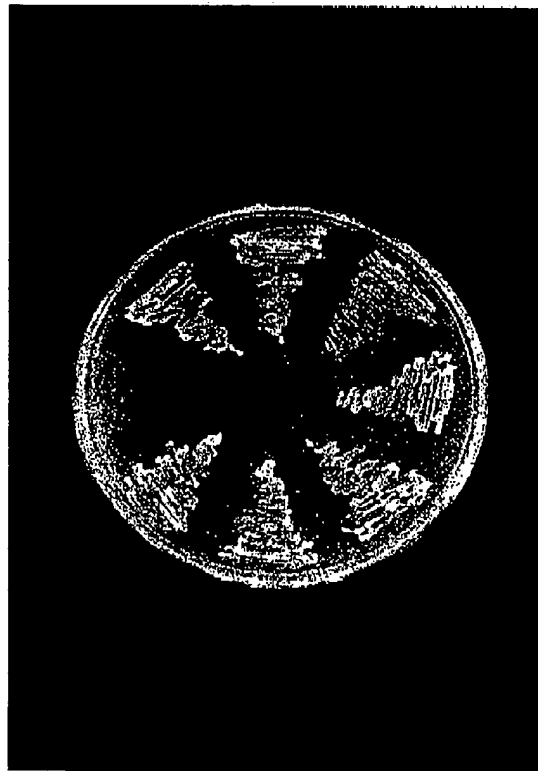
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FIG.4B

Growth of high temperature resistant strain (41°C)



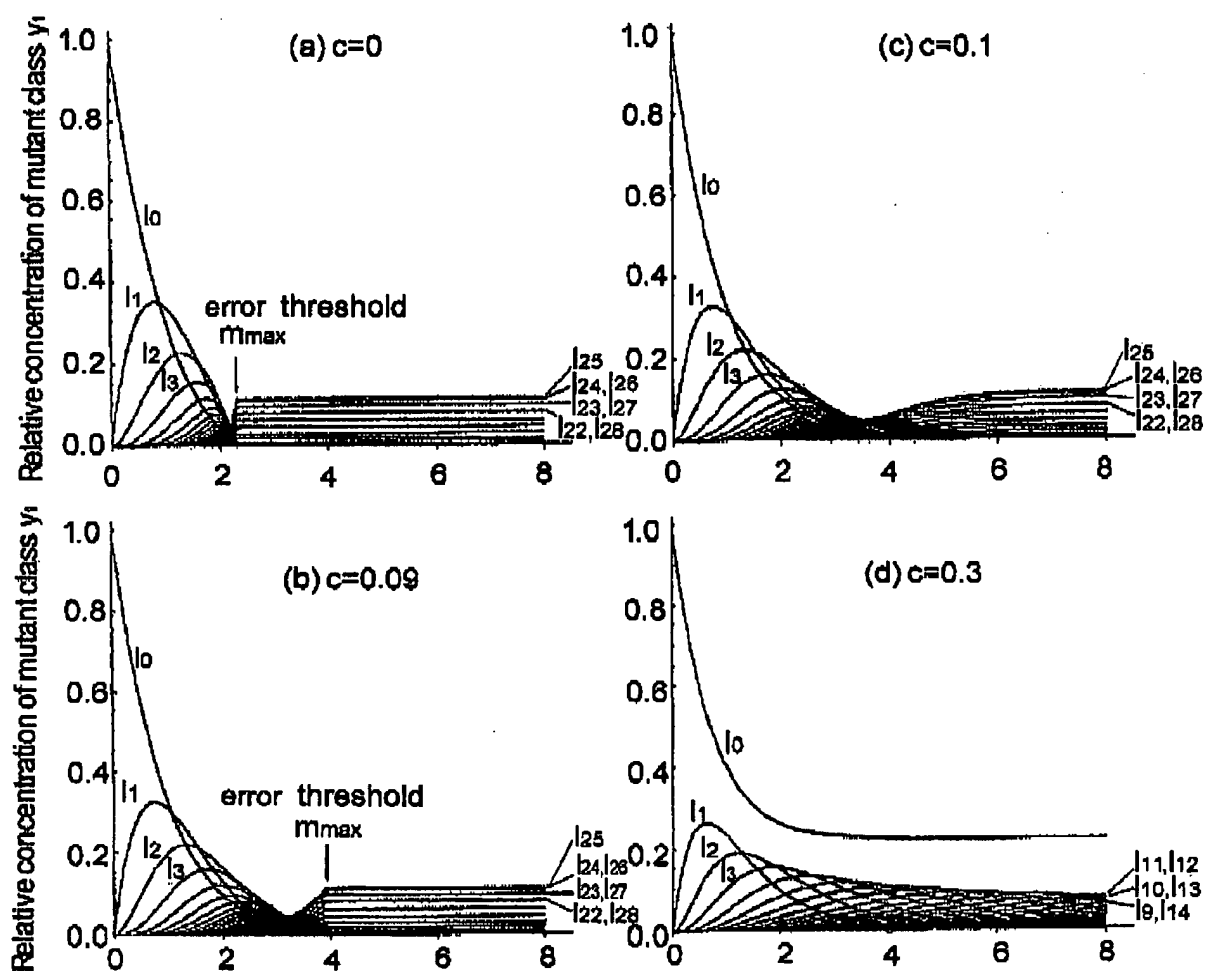
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FIG.5



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FIG.6

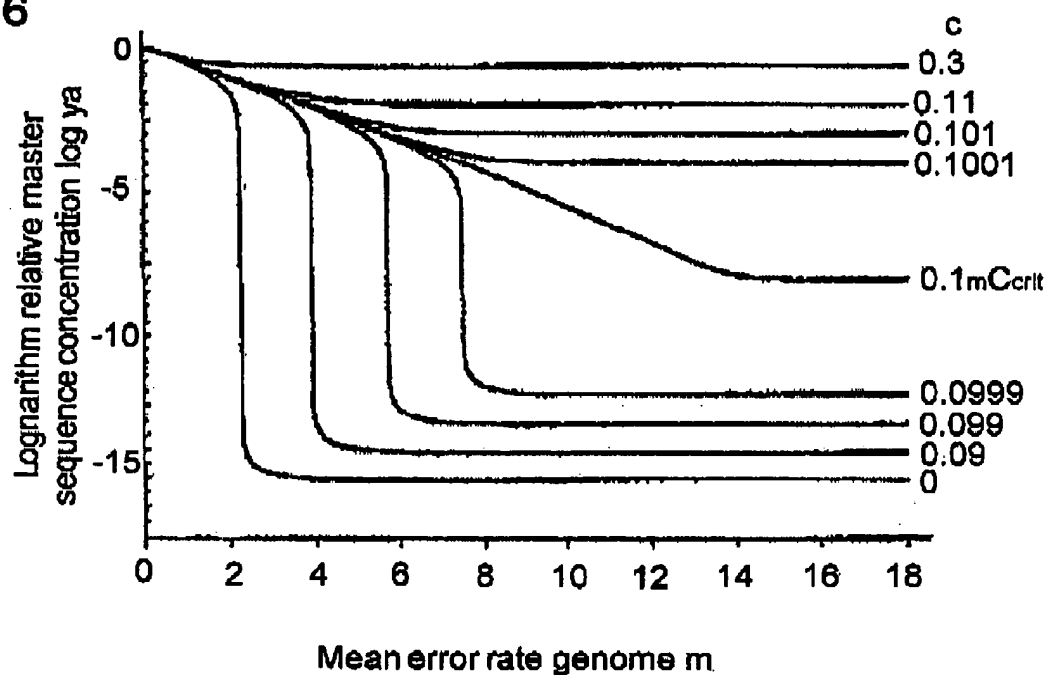
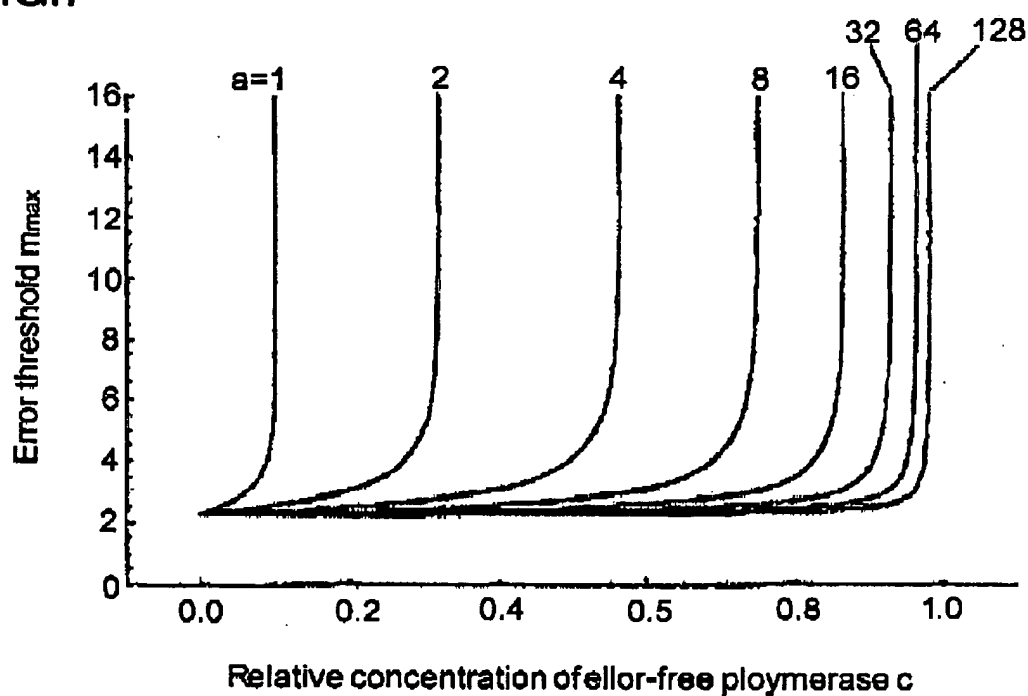


FIG.7

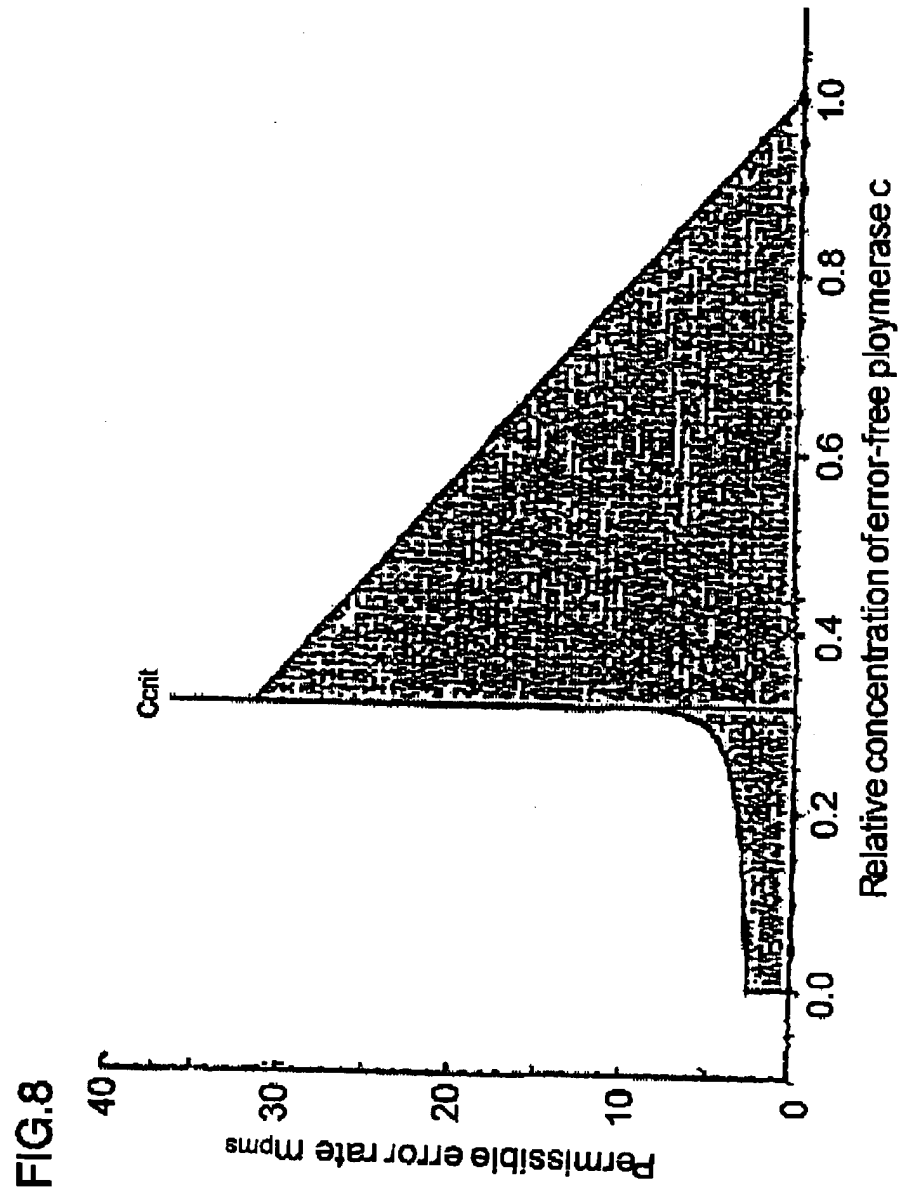


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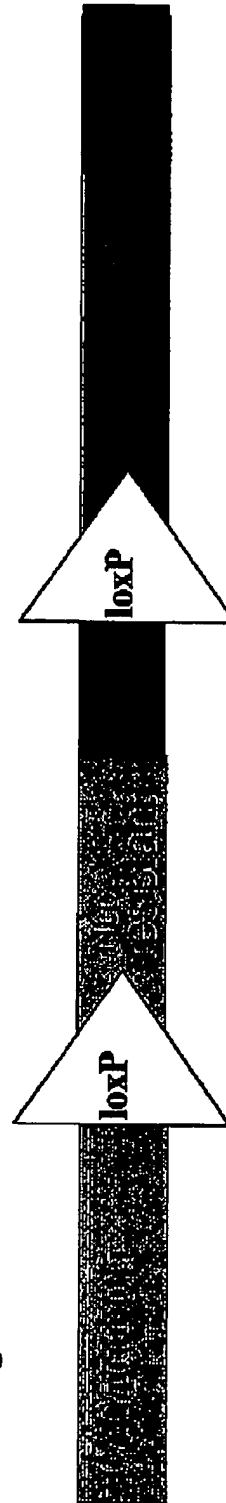
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Fig.9

Transgenic mouse #1



Transgenic mouse #2



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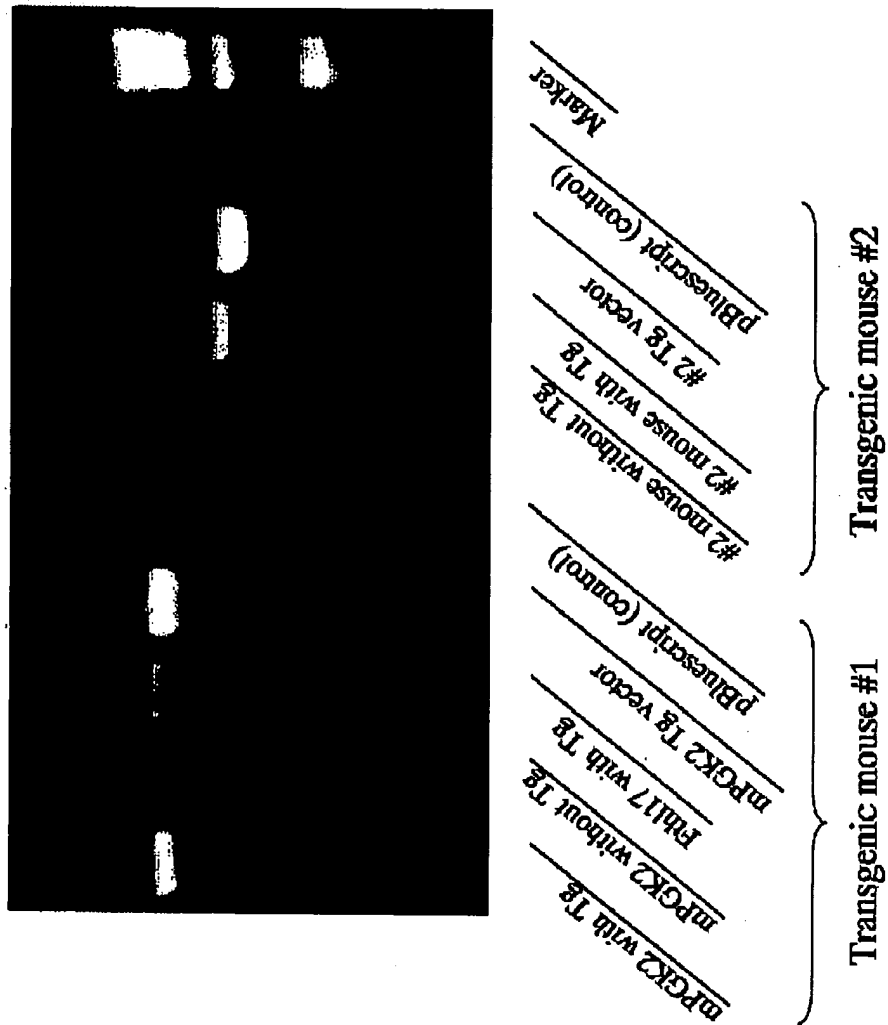


Fig.10

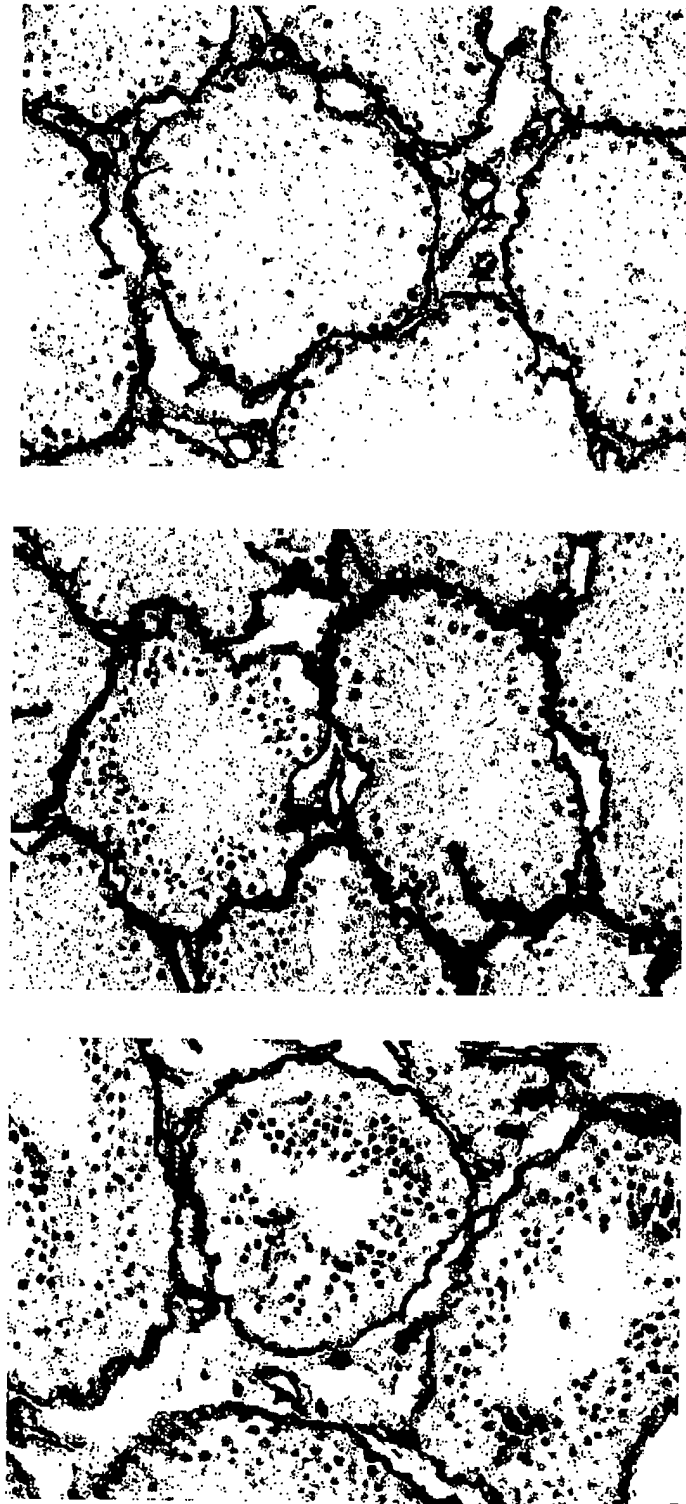
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Fig.11

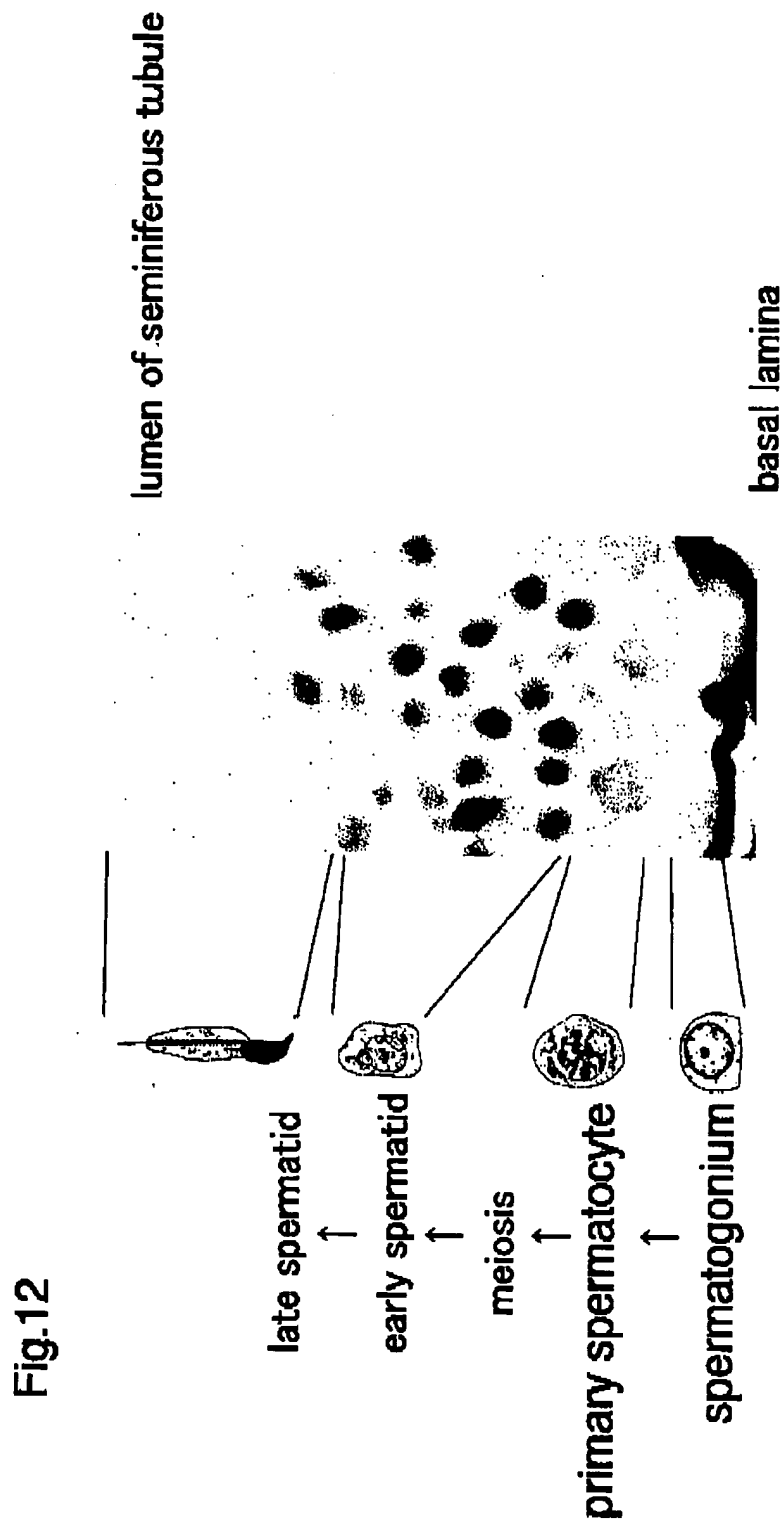


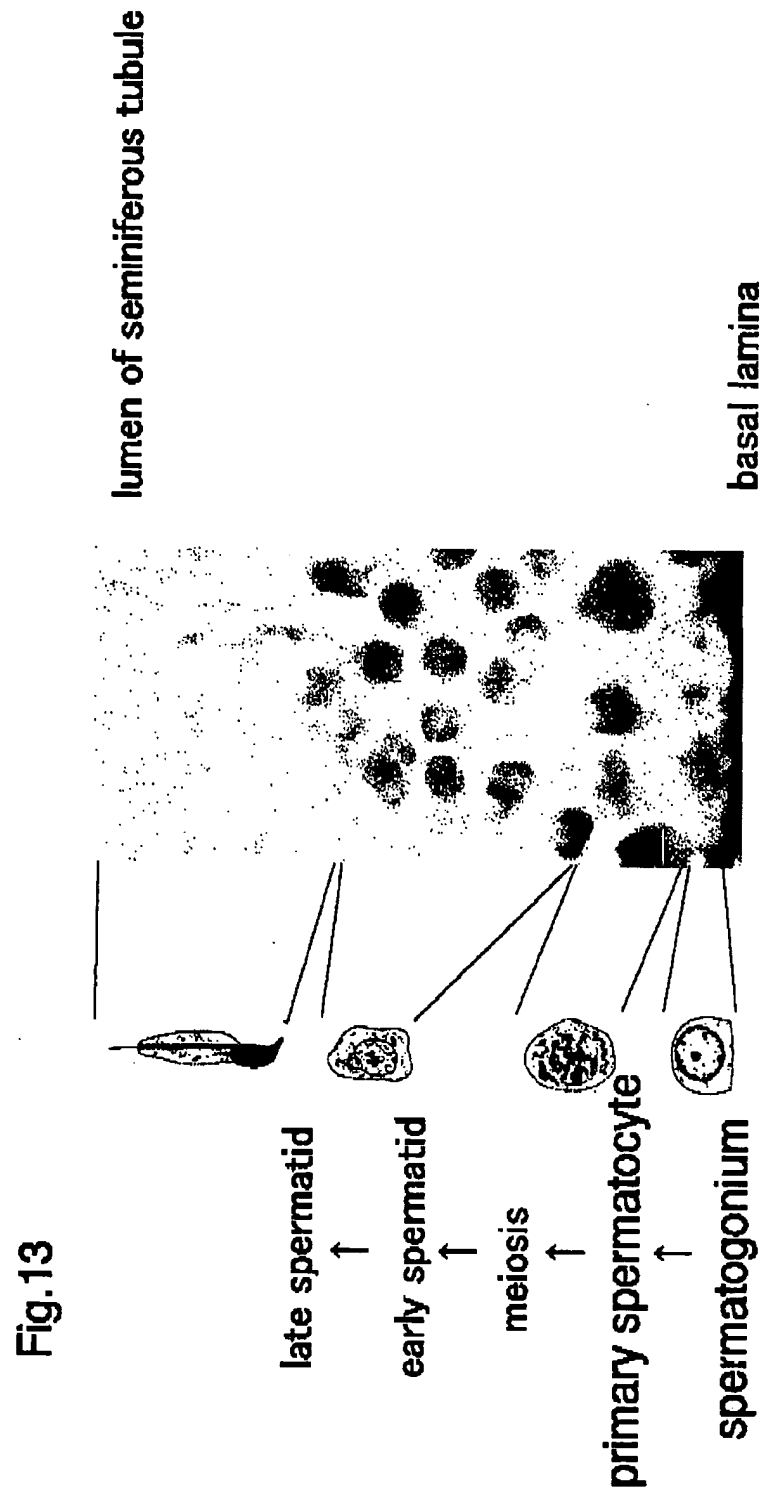
(a) mPGK2

(b) Fthl17

(c) control

50μm





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Fig.14

Not I

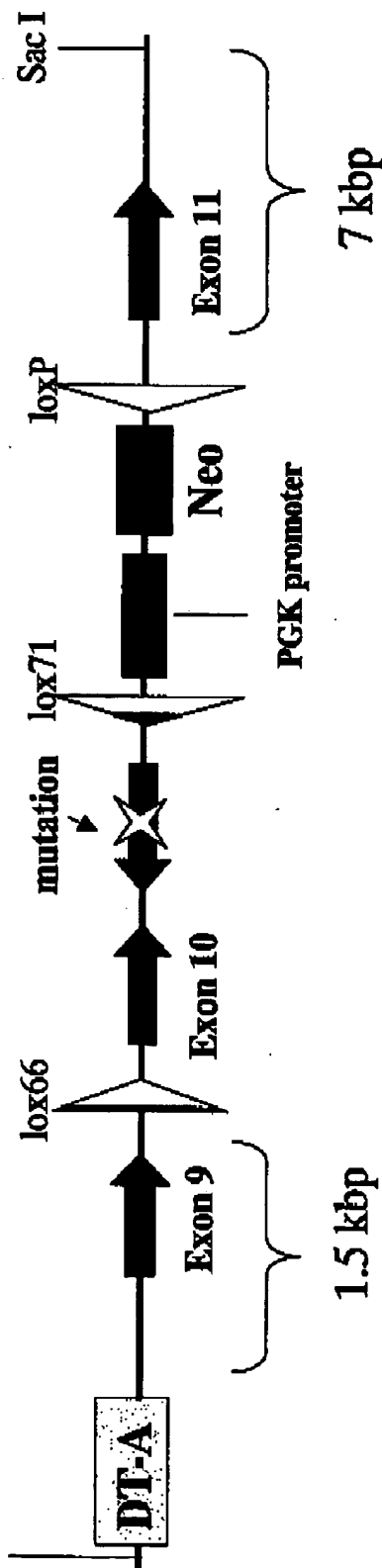


Fig. 15

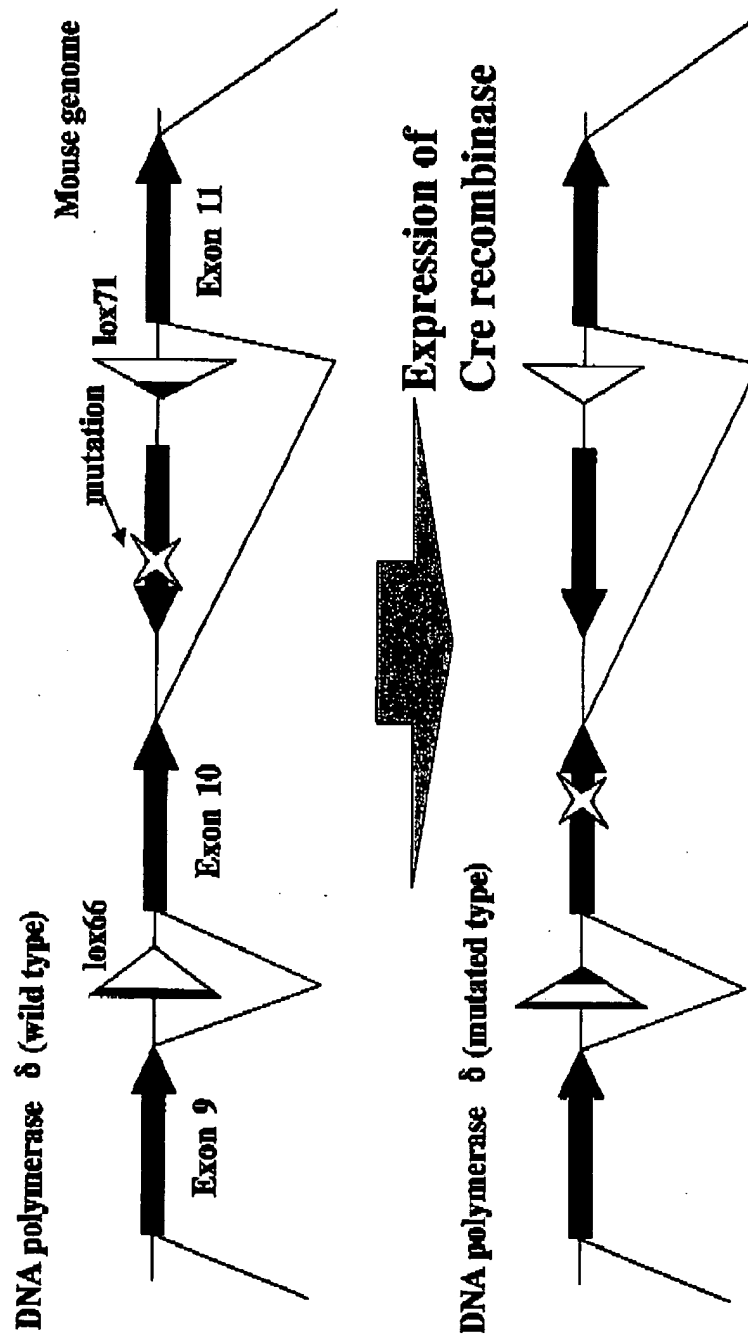


Fig.16

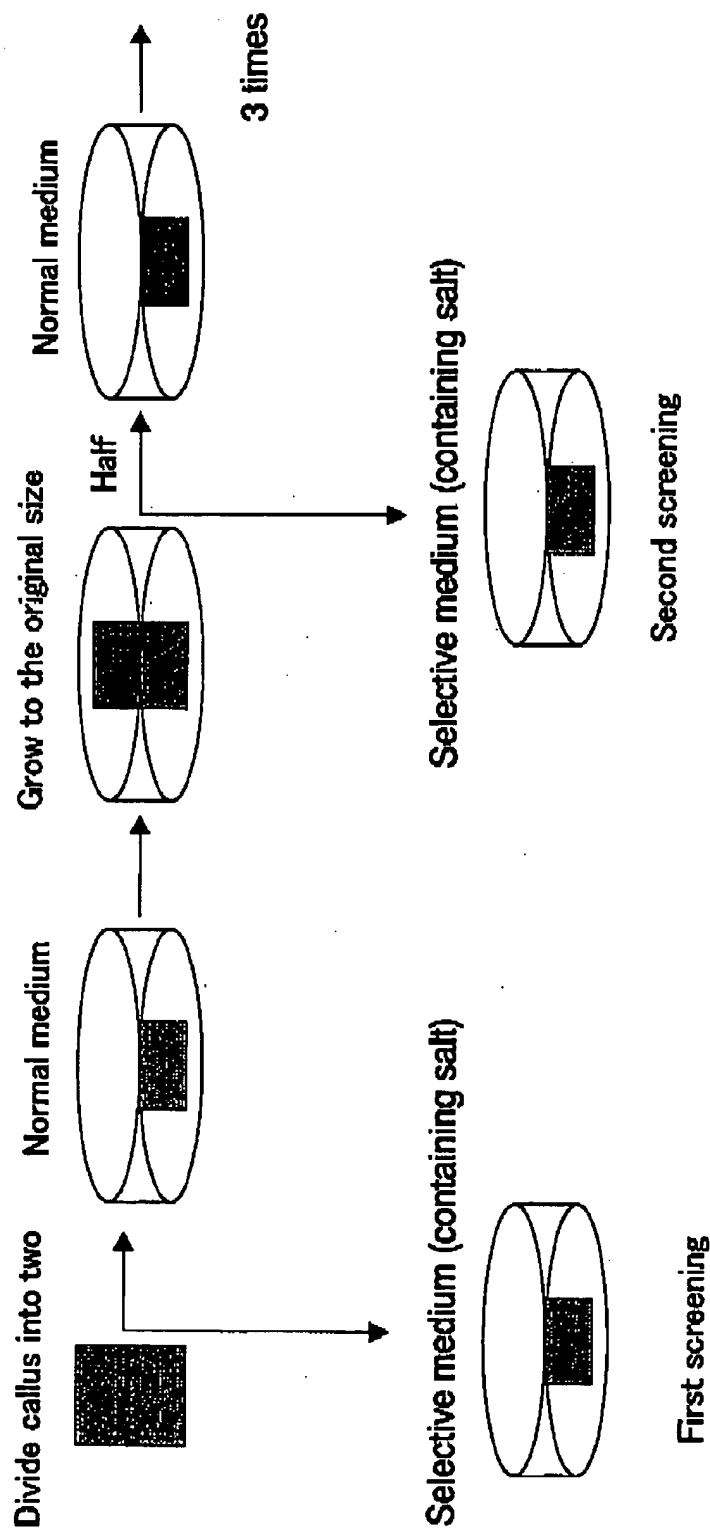


Fig.17

Overexpression of mutant Pold1

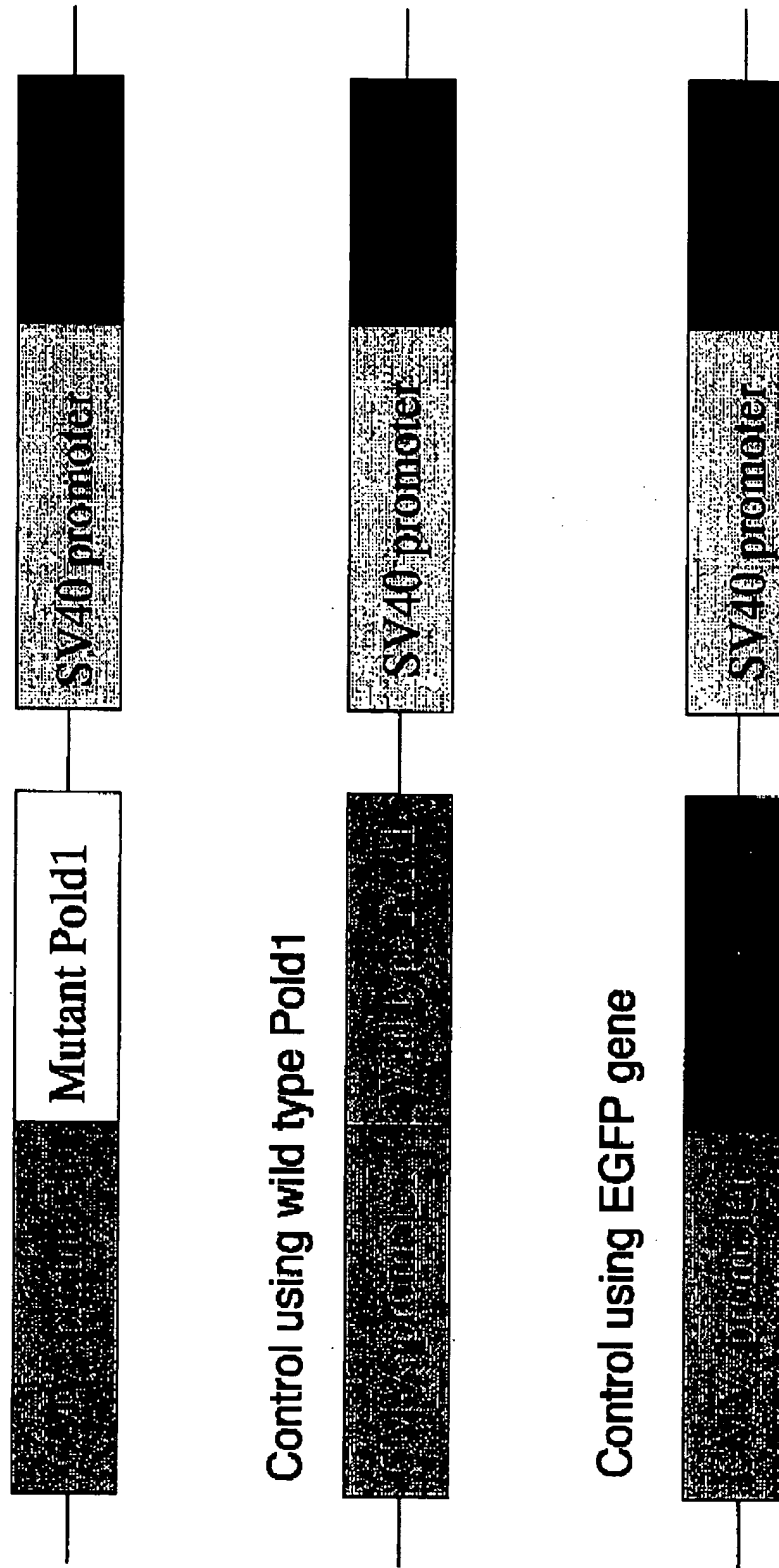


Fig.18

Not I

